

CLAIMS:

1. Water-hammer and noise damper for intermediate members in water ducts and for connecting members for fastening to sanitary fittings, with a water-conducting resilient hose member (14) which is radially surrounded by a rigid housing (26; 126) of the intermediate member or connecting member and is water-tightly fixed to the housing and with an afluidic damping element (12) water-tightly incorporated radially between the housing and hose member, characterised in that a form-stable, two-part enclosure (10; 110) enclosing the damping element (12) is inserted with positive fit in the separable housing (26; 126).
2. Damper according to claim 1, characterised in that the hose member (14) has at each end a flange-like sealing bead (20) which bears against a radially inner shoulder (34 or 36) of the housing (26; 126) and is radially pressed against an encircling inner surface (38 or 40) of the housing, wherein a radial annular disc (18) of each enclosure half (10.1 or 10.2; 110.1 or 110.2) contacts, by its passage rim, the sealing bead (20) on the side thereof remote from the inner shoulder (34 or 36) and surrounds the hose member (14).
3. Damper according to claim 2, characterised in that the hose member (14) is loaded radially outwardly at its sealing beads (20) by means of annularly closed end sections (22.1) of a cylindrical support pipe (22) with preferably slot shaped wall passages (22.2) for water penetration, the support pipe carrying the hose member (14) outside these wall passages (22.2).
4. Damper according to claim 3, characterised in that the rigidly enclosed damping element (12), the stiff support pipe (22) and the hose member (14) clamped in place therebetween form a unitary cartridge (10; 110 and 12, 14, 22) inserted in the transiently opened housing (26; 126).
5. Damper according to claim 4, for intermediate and collecting members, the housings (26; 126) of which have a right-angular cavity profile, characterised in that the damping element (12) and enclosure (10; 110) each have a respective one of two adjacently disposed cylindrical circumferential surfaces which are coaxial with respect to the common longitudinal axis of support pipe (22) and unloaded hose member (14).

6. Damper according to one of claims 1 to 5, characterised in that the enclosure (10; 110) consists of two identical complementary halves (10.1, 10.2; 110.1, 110.2) and is made of deep-drawn sheet metal or injection-moulded plastics material.

7. Damper according to claim 6, characterised in that the enclosure (10) is divided by a virtual cross-section in a radial plane into two halves (10.1, 10.2) which abut end-to-end in a butt joint.

8. Damper according to claim 6, characterised in that the enclosure (110) is divided by a virtual longitudinal section in an axial plane into two halves (110.1, 110.2) which are held together by means of one or two identical snap connections (124) in circumferential direction of the enclosure.

9. Damper according to one of claims 1 to 8, wherein the housing (26; 126) of the connecting member has a cylindrical inner surface and a radial end surface (27; 127) for support of the enclosure (10; 110), characterised in that the axially opposite radial end surface of the housing (26; 126) for support of the enclosure (10; 110) is formed by means of a screwed-in threaded ring (28; 128) which is provided with an axially offset external thread (30; 130) for a box nut or (Fig. 2) with an internal thread for a screwed-in flange ring (48) as support for a box nut (50).

10. Damper according to claim 9 with claim 2, characterised in that one (36) of the two inner shoulders (34, 36) of the housing (26; 126) and one (40) of its two encircling inner surfaces (38, 40) are formed at the threaded ring (28; 128).